

(14)-JT-22-R06

*1215 Prytania Street, Suite 364**New Orleans, Louisiana 70130**Phone: 504-529-4301**Fax: 504-529-4303**www.limitlessvistas.org**"The greatest opportunity coincides with the greatest need."*

February 5, 2014

Environmental Management Support, Inc.
ATTN: Mr. Keith Arnold
8601 Georgia Avenue, Suite 500
Silver Spring, MD 20910
Phone: 301-589-5318

RE: FY14 Environmental Workforce Development and Job Training Grant

Dear Mr. Arnold:

This cover letter and application package is being submitted in response to the Request for Proposal announced and published by the United States Environmental Protection Agency (EPA) regarding Environmental Workforce Development Job Training Grant with funding beginning in 2014. Enclosed is the narrative proposal with applicable attachments.

Threshold Criteria and Narrative Proposal

February 2014

Threshold Criteria**A. Applicant Identification:**

Limitless Vistas, Inc. (LVI)
1215 Prytania Street, Suite 364
New Orleans, LA 70130

Contact Person: Mr. Patrick Barnes
Contact Phone: 504-529-4301
Contact Email: pbarnes@limitlessvistas.org

B. Threshold Eligibility Criteria:

- a. **Applicant Eligibility:** LVI is a 501c (3) non-profit organization (see Attachment A) and is therefore eligible in accordance with CFDA 66.815. LVI did not receive an Environmental Workforce Development and Job Training Grant from EPA in fiscal year 2013.

- b. Demonstrate the proposed project does not duplicate other federally funded environmental job training programs:** LVI's proposed training program does not duplicate other federally funded programs for environmental job training in its targeted community, including: EPA Superfund Job Training Initiative, EPA Environmental Justice Small grants program, EPA Surveys, Studies, Investigations, Training, and Special Purpose Activities Relating to Environmental Justice grants program, NIEHS Hazardous Waste Worker Training programs, or DOL grant funds.
- c. Required HAZWOPER Training:** LVI has incorporated OSHA 29CFR1910.120 40-Hour Hazardous Waste Operations and Emergency Response training into its curriculum.
- d. Federal Funds Requested:** LVI is applying for \$200,000.00 for a 3-year project period.
- e. Substantial Conformity with Instructions and Format:** LVI has followed the submission instructions and requirements set forth in Section IV of the grant announcement.
- f. Due Date:** February 13, 2014

C. Grant Type: Environmental Workforce Development and Job Training Grant

D. Location: Central City and Gert Town of New Orleans, Orleans Parish, Louisiana

E. Contacts:

a. Project Director:

Sherry Callaway, P.G.
Limitless Vistas, Inc.
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New Orleans, LA 70130
Phone: 504-261-6171
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b. Highest Ranking Official:

Patrick A. Barnes, P.G.
Limitless Vistas, Inc.
1215 Prytania Street, Suite 364
New Orleans, LA 70130
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Fax: 504-529-4303
Email: pbarnes@limitlessvistas.org

F. Date Submitted: February 10, 2014

G. Project Period: June 2014 through June 2017

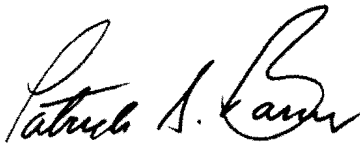
H. Population: LVI will serve disadvantaged youth and young adults between the ages of 17-29, regardless of race. Our target population is unemployed, under-employed, low income, typically minority, ex-offenders or at-risk of incarceration, and veterans who are seeking jobs.

I. Training: The following topics will be included in the LVI curriculum developed to fulfil this grant (a full curriculum is located in Attachment F):

Topic	Level
Solid Waste Management or Cleanup Training	Advanced
Superfund Site Cleanup, Innovative and Alternative Treatment Technologies Training	Advanced
Wastewater Treatment Training	Advanced
Emergency Response Training	Advanced
Enhanced Environmental Health and Safety Training	Advanced

On behalf of LVI, our students and the area we serve, I would like to thank EPA for their kind consideration for this Environmental Workforce Development and Job Training Grant.

Sincerely,



Mr. Patrick A. Barnes, P.G.
Limitless Vistas, Inc.
 Founder/Chairman

1. Community Need

New Orleans has had several major catastrophes over the past ten years that have left an enduring impact on its economy, environment and its citizens- those are the BP oil spill and Hurricanes Katrina, Rita and Isaac. The explosion of the Deep-water Horizon drilling rig in Gulf of Mexico on April 20, 2010 began a cascade effect on coastal areas of the Gulf and on the wealth of species upon which a majority of southeast Louisiana's economy is based. The oil infiltration threatened to decimate New Orleans' natural and first line of defense from devastating tropical storms and hurricanes-and the wetlands that were already being recaptured by the sea before the oil-rig disaster.

(www.nwf.org/pdf/Wildlife/2013_NWF_Restoring_Gulf_Report_FINAL.pdf).

A. Community Description

New Orleans' population (U.S. Census Bureau) 369,250 has a high incidence of poverty. The 2010 census reveals that more than 25 percent of families lived below the poverty level. The city also has faced environmental justice issues for decades, and is a federally designated Enterprise and Renewal Community. The City has identified 177 closed service stations and 267 hazardous sites that affect the city's ability to redevelop. Additional environmental and economic threats to New Orleans are caused by loss of the wetlands. Without considerable amounts of intervention, it is estimated by 2050 New Orleans will be an island surrounded by the gulf.

Under this proposal, LVI will focus on two communities in New Orleans: Gert Town and Central City. There are approximately 15 Brownfields sites within the 0.73 square miles of Gert Town and 40 Brownfields sites within the 1.41 square miles of the Central City neighborhood, all of which need to be addressed as part of the City's environmental and economic revitalization.

Gert Town

Gert Town is among one of the most impoverished areas within the City's jurisdiction. It once had a substantial amount of successful industrial/commercial uses, which framed the northern edges of the neighborhood. Prior to Hurricane Katrina, there were several residential areas in very close proximity to the industrial areas, which at times, has created a dangerous and unhealthy condition for residents. One such industrial plant was the Thompson Haywood Chemical Plant. The plant produced various chemicals from WWII to the 1970's. Although the buried toxic chemicals were removed post-Katrina, the site and the entire area still has a significant environmental stigma. According to the Damage Assessment Data received from the City of New Orleans in April 2006, the entire community flooded during Hurricane Katrina. Impacted properties have yet to be re-developed in that community.

According to the 2010 National Census (source: Greater New Orleans Community Data Center (gnocdc.org)), there were 3,614 people who lived in Gert Town (1,060 households, and 564 families) 87.6% of whom were African Americans. It was estimated that 46% of the population between the ages of 16-64 lived in poverty. The unemployment rate over the age of 18 was a startling 25.2% and the median household income for that area was only \$22,685 per annum. Of this population, only 64.5% derived income from wages or salary, while 26.2% received income from social security, and the remainder was on public assistance or supplemental Social Security.

Central City

Central City also falls within the New Orleans District B and is directly adjacent to Gert Town. It is also among the most impoverished and high crime areas within the City's jurisdiction. According to the 2010 National Census (source: Greater New Orleans Community Data Center (gnocdc.org)), Central City contained 11,257 residents. Of these, approximately 58% fell in the target employment age range of 18 – 64; yet only 61% derived income from a salary, wage, or self-employment. The remaining 39% were supported by Social Security, supplemental Social Security, or public assistance; a number significantly higher than in Greater New Orleans and the national average.

Among the population ages 16 years and older, 37% reported being employed in civilian or military service, 9.5% reported being unemployed, and 53% were reported as not in the labor force. This resulted in a composite nonworking force of over 60%. The 12-17 year-old demographic constitutes only about 10% of the entire population, so the population bracket 16 –18 likely accounts for no more than about 4% of the nonworking force, meaning that a majority of the population in the 18 – 64 demographic is likely unemployed or dramatically underemployed. Approximately 51% of those interviewed in the census indicated that they had not worked in the preceding year. Another 10% worked less than 26 weeks while only 27% reported working a full year. Among those for whom a poverty status has been determined, approximately 49.8% were reported as living in poverty. Perhaps the most profound effect of Hurricanes Katrina and Rita on Central City and Gert Town was loss of job opportunity through the closing of the affected area businesses.

The high poverty and unemployment rates significantly impact the re-development of these two communities. LVI will continue to focus on these two communities to address workforce development training as a means to enhance participants' skill, employability and provide economic development. Below is a chart outlining Gert Town, Central City, New Orleans, Louisiana and National demographics:

Comparative Community Demographics					
Category	Gert Town	Central City	Orleans Parish	Louisiana	National
Population	3,614	11,257	369,250	4,601,893	308,745,538
Living in Poverty	48.6%	49.8%	23.8%	17.3	15.1
Median/Average Income	\$22,685	\$23,237	\$36,468	\$42,49	49,445
Unemployed/Unemployment Rate	25.2%	9.5%	6.5%	7.4%	7.2
Population Breakdown					
Percent Minority					26.7
Black/African American	87.6%	72.2%	59.6%	13.8	12.1
White	4.6%	17.3%	30.5%	60.3	63.7
Hispanic	5.2%	7.1%	5.2%	4.2%	16.3
Other	2.5%	2.3%	4.7%	2.7%	7.9%
Educational Attainment					
High School Diploma or GED	30.3%	26.2%	24%	32	28.6
Young Adults 18-34	50.2%	27.2%	29.2%	24.3	23.2
Young Adults Without High School Diplomas					
Total Population age 18-34	1,046	1,150	30,841	289,11	15,930,458

Source Citations: U.S. Census Bureau. Census 2010 Sample Characteristics (SF3). From a compilation by the GNO Community Data Center. <http://www.gnocdc.org>; U.S. Census Bureau. Census 2010 Full-count Characteristics (SF1). From a compilation by the GNO Community Data Center. <http://www.gnocdc.org>; <http://www.bls.gov/Lau> Bureau of Labor Statistics, Local Area Unemployment Statistics

Connection Between Community Statistics and Focus Area

Clearly, Central City and Gert Town communities are in need with regard to both environmental quality and quality of life. The target areas are extreme in a city of extremes, as they contain a vastly disproportionate concentration of poverty and joblessness, a dearth of employment opportunity, and a lengthy list of environmentally suspect properties in need of attention simply to make the neighborhoods marginally safe for citizens. LVI works with citizens of these areas to support progress toward EPA's strategic plan goals by recruiting, training and placing unemployed and under-employed residents.

Addressing Threats:

Environmental Justice

It has been said that the poor suffer first, last and most often. In response, LVI's motto is, "The greatest opportunity coincides with the greatest need" for us the Environmental Workforce Development and Job Training Grant (EWDJT) represents an extraordinary opportunity to help address an extraordinary need. The proposed program is designed to honor the US EPA definition of environmental justice: fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies.

Economic

While there is some evidence of economic growth in the Central City and Gert Town areas with the demolition of old housing projects and rebuilding for mixed income housing, there still remains the presence of many Brownfields in both these neighborhoods and this serves as a deterrent to effective and more comprehensive neighborhood redevelopment activities. Brownfield sites cause huge revenue losses for municipal governments as investors are reluctant to invest dollars because of liability issues associated with contaminated properties, lack of financial resources or the knowledge to secure those resources to conduct assessments, remediation and redevelopment. Through EWDJT local residents can obtain a livable wage and help their personal economic situation while helping to rebuild the economy of their own communities. LVI believes that true Environmental Justice comes with Economic Justice.

Social

Central City and Gert Town are low-income neighborhoods that have been neglected for 50 years, causing potential investors to overlook the neighborhood for possible redevelopment, regardless of the availability of public financing. Thus, the location of Brownfields sites present yet another barrier to neighborhood redevelopment. While Brownfield issues complicate environmental liability and property redevelopment, they pose especially difficult problems for the social cohesion of inner city neighborhoods. Unfortunately, urban areas, which have the highest concentration of Brownfields sites, also have the highest concentrations of various social ills. Both Central City and Gert Town are typically the City's highest concentration of poverty and crime areas.

Public Health

It should be no surprise that Central City/Gert Town and surrounding neighborhoods are in desperate need of health care facilities. Residents must travel outside the communities to meet basic health needs. Several of the Brownfields sites - particularly the abandoned gas stations - are ideal locations for redevelopment as walk-in clinics. LVI has already discussed this potential with two local community organizations, both of which have expressed great interest.

Targeted Populations

LVI's mission is to improve the employability of disadvantaged youth and veterans primarily ages 17 – 29 regardless of race. Our target population is the unemployed, under-employed, low income, typically minority, ex-offenders or at-risk of incarceration, and veterans who are seeking jobs from the Gert Town and Central City areas. This segment of the population will benefit because the training provided by the grant will enhance employment opportunities and identify a new career path in the environmental/Green and construction related industries. We are targeting this group of individuals because our history of effectively working with them clearly shows a need and strong desire for a second chance. Recruitment and training will be focused on this targeted population as described in section 2.C – Recruitment and Screening.

The Benefits for this Population:

- Increased career opportunities through new paths for employment and certifications in construction and environmental and green related industries.
- Ensure that young people directly impacted by tropical storms/hurricanes and other catastrophes become an integral part of the recovery of their own neighborhoods.
- Increased knowledge of chemical safety and pollution prevention.

- Increased understanding of sustainable and livable communities.
- Increased awareness of conservation practices and environmental stewardship.
- Skills and knowledge needed to assist in restoring Louisiana's coastal wetlands.
- Enhanced citizenship through re-connecting individuals in a meaningful and sustainable way to the environment and community in which they live, work and play.

B. Labor Market Demand

The destruction of Tropical Storms, Hurricanes and the BP Oil Spill put New Orleans in a very vulnerable state requiring a host of reconstruction and redevelopment. Because New Orleans is still in the demolition, deconstruction and rebuilding phase, and will be for decades to come, the volume of work that remains centers heavily on several aspects of the Environmental and Green job market. Additionally, due to the damage to our coastline, major wetland restoration efforts will be needed for many years to come. The proposed course of study correlates directly with the types of Environmental and Green industry jobs currently available in New Orleans and surrounding parishes (counties). In 2013, LVI conducted a labor market survey of potential employers for LVI graduates. This survey focused on the environmental and construction industry sectors. The results indicated that LVI is on the right track with its training program. The survey indicated that 100% of potential employers needed workers who were trained in soil and ground water sampling and had received a 40 Hour HAZWOPER certification. The surveys also showed that 75% indicated the need for asbestos supervisor, lead awareness, and UST awareness trainings. Other useful trainings included first aid/ CPR, asbestos worker, and air sampling.

Water and Wastewater Industries

Beginning in early 2009, LVI and the New Orleans Sewerage and Water Board discussed the need to position our youth to move into the employment roles of those anticipating retiring from the water and wastewater plants under their purview. LVI's staff meets frequently with officials in the water and wastewater operations to devise strategies for training our participants as future plant operators and technicians. "In the United States, there are more than 155,000 water systems employing nearly 425,000 people." Today, the water and wastewater industries are facing many issues such as an aging workforce, newer and ever more stringent drinking water regulations, federal mandates, new technology, green infrastructure, limited budgets, privatization, water and energy efficiency, new environmental threats, and crumbling infrastructures. At the same time, demand on water resources continues to increase. Among members of the American Water Works Association (AWWA), the workforce gap is viewed as one of the top five topics of concern, growing more critical in the coming years and inadequately addressed. The drinking water and wastewater industries are anticipating a growing demand for workers in a wide variety of positions. In the State of Louisiana alone the demand for water and wastewater operators is very high and is projected to grow 9.2% in the next seven years. In 2012, the City of New Orleans hired 30 operators and anticipates hiring 40 plus operators within the year of 2014 (**see Attachment E1**). A career as an operator comes with major medical and retirement benefits, as well, rapid opportunities for career advancement.

Coastal Restoration/Continued City Recovery

The State of Louisiana and the U.S. Army Corps of Engineers (USACE), New Orleans District will release Request for Proposals (RFPs) and Bids for over 100 separate environmental recovery and construction projects in the area. These projects will exceed 1 billion dollars in value and require thousands of workers. The skills taught and certifications obtained through our existing EPA job-training grant are all directly applicable to entry-level positions for these recovery projects, several of which are in the New Orleans urban corridor. In addition, Charles Allen, Director of Coastal Affairs for the City of New Orleans, states that the State of Louisiana's Coastal Protection and Restoration Authority recently approved the five-year update of the 50-year Master Plan. It identifies \$50 billion dollars of coastal restoration and hurricane storm surge protection projects. Additionally, Phase I and II site assessments and cleanups of Brownfields and petroleum sites are anticipated to increase.

Oxfam America

A report issued by Louisiana State University and Oxfam America indicated that the influx of coastal restoration funds and the associated rise in demand for skilled workers brought about by the RESTORE Act will require coordination and communication between training programs and workforce development. Mr. Jeffery Buchanan, senior domestic policy advisor at Oxfam America and the author of a number of reports and commentaries on disaster resilience, coastal restoration, and domestic poverty believes the RESTORE Act could create more than 57,600 Gulf Coast jobs in the coming years driving new demand for skilled workers. Through an Oxfam funded program, LVI is developing a program to train young adults to cultivate skills needed for coastal restoration work.

2. Training Program Description, Anticipated Outcomes and Outputs

A. Training Program Structure

The proposed training will contain three (3) 15-week training cycles of 370 hours each, all funded in the first two years of the proposed grant. Classes will be held Monday – Friday, 8:30 -3:30 pm at LVI' office located in Central City, one of LVI's targeted areas. We anticipate training to start in June 2014 and continue through the end of June 2016. The third year will be dedicated to follow-up with participants, tracking and closing out the grant. Participants in the program will have the opportunity to receive the following training, awareness and certifications in several (see **Attachment F-Curriculum**).

B. Outputs and Outcomes

Outputs

The table found below illustrates LVI's expected Outputs for this grant:

Overall # of Participants Enrolled in Program	# of Graduates from Program	# of Graduates Placed in Environmental Positions	# of Graduates Not Placed but Pursuing Further Education
70	50	38	12

Outputs from the proposed program include:

- 38 participants will be placed on internships with supporting contractors in the environmental or water industry.
- 100% of the graduates will receive the following Federal and State recognized certifications: 40 Hour HAZWOPER training and Emergency Response, Asbestos Contractor Supervisor, Underground Storage Tank Class C Operator, First-Aid/CPR, OSHA 10-Hour Construction Safety, HAZMAT (DOT).
- All graduates (100%) will also receive training the following areas: Site Assessments, Lead Paint Awareness, Alternative Energy Sources, Wetlands, Solid Waste Management and Cleanup, Superfund Site Cleanup and Innovative/Alternative Technologies, Field Technician Basics.

Outcomes

The proposed objectives are supported by a partnership designed to ensure successful, measureable outcomes; some of which will manifest within the project period and some that should continue to develop as long-term life skills. These include: The ability for graduates to acquire and sustain employment as a result of completing the training program; Appropriate and demonstrable skills to perform required work in a safe and reliable manner; Increased knowledge of the water and wastewater industry; coastal restoration and other environmental services; Improved long-term health and behavior, including a higher level of community awareness and a sense of environmental civic responsibility; Increased capacity to do work; Help residents take advantage of jobs created by the assessment and cleanup of Brownfields; Provide training that leads to sustainable employment in the environmental and green job economy; Improve community involvement and stimulate the development of constructive partnerships; Foster self-sufficiency and enhance the skills and availability of labor for environmental remediation in communities impacted by Brownfields; Enable residents to

participate in the promotion of environmental health and occupational safety; both on the job and in their communities; Raise environmental awareness through community involvement. These outputs and outcomes are consistent with USEPA strategic goals.

C. Recruitment and Screening

Recruitment

To reach out to the primary target population, LVI has publicized in Neighborhood Associations in District B- Greater King Solomon Baptist Church, Gert Town Community Development Center, The New Orleans Job 1 Center, New Orleans Harmony Neighborhood, Jericho Road Housing Initiative and NOLA for Life by placing posters and flyers in strategic locations, holding meetings with local associations to inform them about the Environmental Workforce Development and Job Training Program and to hear from them how the program could best reach the target population (see **Attachments E2, E4**). LVI will follow up with the Directors of these associations to ensure good communication regarding the program. During the formal recruitment period, recruitment will be directed by the Environmental Project Manager in partnership with community organizations, which have agreed to provide referrals, and by JOB1, which will assist by placing recruiting material at its locations and publicizing the program to its clientele.

The Environmental Project Manager will be responsible for incorporating several strategies for recruitment: Approach leaders of religious and cultural institutions to set up community meetings; Collaborate with the Veterans Administration case workers to recruit veterans; Set up information tables at shopping centers, social service offices, job fairs and community fairs to promote the program; Partnering with the court and school systems to distribute recruiting information; Recruiting materials will consist of printed flyers and newspaper ads; and Social media broadcast media campaigns targeted to relevant aged groups. LVI's target population will include disadvantaged youth and young adults between the ages of 17-29, regardless of race. Our target population has a high-school diploma or GED, is unemployed, under-employed, or low income. Participants will be 10% formerly incarcerated, and a minimum of 5% will be veterans.

Screening

The Project Manager will take the lead in screening, interviewing, providing "Test of Adult Basic Education" (TABE) testing, and entry testing for math and reading competency. For applicants that pass the minimum is 8th grade reading level and interviews. We will also test our participant's physical endurance and stamina for outdoor work activities. Students will also be tested for drugs before entering the program.

Retention

LVI has developed a strategy of continued support for the participants to increase retention in the program. On the front end, the rigorous recruitment and interview process will ensure enrollees are willing and able to undergo a three-month training program. They must also demonstrate a willingness to develop their work performance and work ethic behaviors. Secondly, developing an Individual Development Plan (IDP) early in the participants' cycle will assist the program to mitigate risks relevant to each individual participant. This may include applying for subsidized childcare, finding a stable place to live, or assisting to alleviate other obstacles that prevent full participation in the program. Thirdly, LVI will utilize an incentive plan in its supportive services policy to motivate participants to attend training and meet program milestones such as increasing test scores, having remarkable attendance, achieving specific training outcomes and milestones. For example, participants who make it through Orientation will receive an award or monetary incentive or other necessary goods; participants who maintain 95% or better attendance by the end of the second trimester will receive an award or incentive (these incentives will be supplied by our partners). As an incentive, the Corps Network has agreed to provide scholarships to students who complete the program, and where possible offer, a living wage allowance (see **Attachment E5**).

Attrition

Natural attrition of students will occur due to a variety of reasons. LVI does recognize the necessity to build in a buffer of applicants in case of a natural progression of candidates that may find the program too challenging for their current goals. To this end, we will recruit an additional 10% of our applicants to cover any shortfall. Our timeline for achieving deliverables for the project will initially be based on 30-60-90 day follow-ups in addition to 12 and 24- month follow-ups after graduation from the program.

Undue Burden to Students

Students will not be significantly burdened by the expense of training, medical monitoring, or post-graduation certification fees. Excelth will provide extremely low-cost medical screening and monitoring (\$20.00 is the starting rate on a sliding scale). Every effort will be made to find funds through appropriate community organizations to pay for exam fees (certification or licensing). Unionization of environmental workers is uncommon in New Orleans, and is unlikely to be a factor with regards to expense.

Accessible

LVI holds all of its environmental training sessions at the LVI's office which is centrally located to the target population. The location is convenient and accessible for students participating in the program. The office is located in Central City along main bus and street car routes making it easily accessible to those students who don't drive.

D. Program Support

LVI's Program Manager of Environmental Services (Program Manager) and Executive Director will continue to monitor, foster, and develop business and community relationships. These individuals will connect employers and educational institutions with participants for the sake of job and post-secondary educational opportunities. LVI will continue to engage potential environmental, construction employers as stakeholders at the front end of the program for critical input on curriculum, and throughout the program through site visits, serving as guest instructors, job shadow hosts, becoming a member of LVI's advisory board, and program champions to the New Orleans community. Several employers have committed to use LVI as a first source of hire such as New Orleans Sewerage and Water Board, BFA Environmental, AECOM, Veolia Water NA, Leaaf Environmental, L. Turner Associates, and Providence Engineering firm (see **Attachments E1, E6, E7, E8**). We have established outstanding relationships with local labor unions through which apprenticeship programs have been afforded to our graduates. In the past, LVI has scheduled visits with JOB1 Workforce Development and Center and Delta Staffing Resources. With these two organizations, participants will learn how to conduct an online job search and Staffing agencies will provide short and long term strategic job placements. Also, students can use our computer labs to search for jobs.

LVI's Program Manager will track the progress of graduates throughout the grant period and will dedicate the third year of the grant to continued tracking, job placement opportunities and close out. Quarterly, the Program Manager will contact employers and former participants to track progress and/or current status. The Program Manager will be available to mediate any difficulties employers or participants may have to help ensure long-term employment.

As an incentive to hire participants, the State of Louisiana is encouraging companies to adopt the Louisiana Brownfields Investor Tax Credit which provides a credit of 15% of environmental investigation costs and 50% of environmental remediation costs incurred as part of a Voluntary Remediation Investigation (VRI) or a Voluntary Remedial Action (VRA) pursuant to the Louisiana Voluntary Remediation Program at a qualifying Brownfield sites in the state. The Louisiana First Hiring Act of 2012 encourages employers to seek Louisiana workers for coastal restoration and protection projects that fall under the State's 40 billion Louisiana Coastal Master protection and ecosystem restoration as well as state projects that will be funded under the Restore Act. LVI's internship program is an added incentive for employers. It enables an employer to assess student's skills and work ethics before hiring. Several local companies have agreed to participate in LVI's internship program such as Sewerage and Water Board, BFA Environmental, AECOM, and Veolia Water NA (see **ATTACHMENTS E1, E6, E7, E8**).

3. Programmatic Capability

A. Grant Management System

LVI has demonstrated the ability to operate large federally funded grants. This has been instrumental in its' successful efforts to build a strong community consensus and participation. **Matilda A. Tennessee**, Executive Director Emeritus, has over 25 years of experience with non-profit organizations and working with disconnected young adults. She has a MBA and BS in Administration and Management and strong senior-level administrative and management expertise with private and non-profit organizations. She will work closely with Sherry and Patrick on this grant to ensure that management, reporting and metrics for successful performance are clearly met.

LVI has retained the same management team used for the 2010 Brownfields Job Training Grant and the 2012 Environmental Workforce Development and Job Training Grant awarded to LVI.

Ninety nine percent of LVI's training is provided by in-house staff. LVI's professional staff consists of degreed and/or licensed environmental professionals, engineers, geologists, and construction managers. Combined, the staff has over 60 years of training: 40 years in engineering and environmental work, 20 years in Brownfields and construction and 5 years in Coastal restoration. The outstanding qualities of following staff members have proved invaluable in these efforts:

Sherry Callaway is a Professional Geologist and serves as LVI's Environmental Program Manager for Environmental Services. She has worked in the environmental industry for approximately 25 years. Her duties as an environmental consultant included mentoring and training environmental technicians and geologists for a wide variety of duties associated with environmental work. Ms. Callaway is certified to train participants in 40-Hr HAZWOPPER, 40-Hr Asbestos Worker and Supervisor, DOT HAZMAT, 10 and 30 Hour -OSHA Construction Safety and Allied Building Contractors (ABC) Construction and Core Curriculum. She also completed the two week course with the Hazardous Materials Training and Research Institute (HMTRI) and National Partnership for Environmental Technology Education (PETE) which was delivered by the Community College Consortium for Health and Safety Training (CCCHST) earning several trainer certifications. She also participated in the teacher's workshop through the Barataria-Terrebonne National Estuary Program. This training enables her to provide students with hands on practical scientific sampling and testing commonly used within the environmental industry.

Christina Quijano, a Geologist, is an instructor and has over five years of working with at-risk youth teaching science. She also worked several years for the Department of Interior.

Patrick A. Barnes, Professional Geologist, Technical Advisor, President of BFA Environmental Firm and founder of LVI, has over 29 years of experience in environmental and engineering consulting and has trained youth and young adults on multiple Environmental Justice, Superfund and Brownfield projects. Mr. Barnes was the community science advisor for the successful closure activities of the infamous North Carolina PCB Landfill Detoxification. In April of 2013 he was recognized by the White House as a Champion of Change for his work to connect the dots between environmental jobs and the needs of at-risk and vulnerable communities. We have an ongoing relationship with Mr. Barnes has provided curriculum development, course instruction, project oversight, program implementation and has served as a mentor in a mentor/protégé fashion.

Staff Retention and/or Recruitment

LVI's retention is strong due to the variety of available programs and resources. Junior staff members are encouraged to obtained expertise fields of interest to help expand the program. LVI recruits staff from local professional associations and focuses on recruiting personnel that have a love for teaching, environmental concerns, and for giving back to the community.

Systems for Additional Resources

LVI has partnered with several environmental firms that have agreed to provide supplemental training for LVI. These partners understand the need to have a trained and available workforce which is applicable to their needs and have agreed to provide additional expertise and resource. We have a pool of licensed professional engineers, geologists and scientists that we can draw from: BFA Environmental Firm and Leaaf Environmental, AECOM, Veolia, and New Orleans Sewerage and Water Board.

B. Organizational Experience

LVI has been providing environmental job training for disadvantaged young people since 2006. Our mission is to help disadvantaged young people complete their education and learn the necessary skills to become gainfully employed in the environmental field. One way LVI achieves this mission is by training young people for entry-level jobs and providing education through Community Environmental Services Learning Projects (CESLP) such as maintaining a community park that LVI built.

Since the inception of LVI, over 350 disadvantaged young adults have been trained in environmental services with an average placement rate of 80% in the environmental, construction and water and wastewater industries. Through focused high skilled training, LVI has provided pathways to successful careers for young adults in the environmental, construction, water industries and coastal/wetland restoration through participation in several large federal grant programs and partnerships through local professional associations. The organizations' programs are comprehensive and support students through high quality technical certification classes; on site-experience; community service opportunities. Our training programs are also attentive to the needs of the community. Recently, LVI has expanded its program to include wetland restoration activities and training because of the anticipated influx of jobs related to coastal wetland restoration. For the past eight years, the organization has served the proposed workforce based with job training and job placement. We have also served the targeted community through community participation, community meetings and multiple community service projects.

C. Audit Findings

In 2011, LVI had a Limited Scope Administrative and Financial Management System Review conducted by GMG Management Consulting, Inc. The EPA was over charged \$1,169 for payroll cost and was quickly resolved. The EPA was reimbursed in full and corrective action plan was made to ensure that payroll was recorded properly. There were no other findings in previous grants.

D. Past Performance and Accomplishments

Current or Past EPA Brownfields Job Training Grants:

LVI has been providing environmental job training to youth and young adults since 2006 and has had two EPA Brownfields grants and partnered with another organization for another grant. In 2012, LVI received an EPA Workforce Development and Job Training Grant and has \$20,000 remaining balance. LVI is in compliance with its 2012 grant in terms and conditions and sufficient progress has been made. The number of individuals proposed for training in the approved work plan was 50. The number of students actually trained was 51 with 41 obtaining employment which is a placement rate of 82%. We exceeded the goal for placement and training. In addition, students also receive the following industry recognized certifications and training: 40-Hour HAZWOPER, 10-Hour OSHA, FEMA Incident Command System, DOT HAZMAT, UST Class C Operator, Asbestos and Lead Awareness. Quarterly reports have been submitted timely as well as recording information into Assessment, Cleanup and Redevelopment and Exchange (ACRES).

In 2010, LVI received a Brownfields Job Training Grant from EPA. Under this grant, LVI committed to enrolling 50 students and training 40. Thirty-two of the 40 students were placed on jobs. Students received notable jobs at the water and wastewater facilities environmental and construction companies. We added water quality parameter testing including obtaining research permit for National Park Services. We expanded our program to be more comprehensive

environmental technical training program. Under this grant, students through our partnership with AmeriCorps, each received a \$2500.00 scholarship. Graduates were trained and received the following certifications: HAZMAT DOT, OSHA 10, Asbestos worker and supervisor, FEMA Incident Command, Field Technician Basics, Water and Wastewater Training, Underground Storage Tank, and LUST. Reports were submitted on time and recorded in ACRES.

In 2008, LVI partnered with Goodwill Industries (GWI) to apply for the Brownfields Job Training grant and was awarded \$200,000. LVI provided project coordination, including planning and implementing outreach efforts, establishing community partnerships and working as a liaison among other communities. LVI leveraged resources training classroom space in the target community and equipment for use in training. LVI attended the program orientation, all conferences and workshops, developed the training materials, provided program instruction and all technical staff: registered Geologists, Engineers, Hydrologist, Construction Managers, Energy Efficiency Associates and Environmentalists. The target goals of the program were to enroll 40 students, and place 36. LVI exceeded expectations by enrolling 70 students and placing 44. LVI met its goals of 70% placement by the end of its final cycle. Reports were submitted on time and ACRES were completed on time.

Other Federal and State and Local Grants

In 2013, LVI received a grant for \$180,000 from the Corps Network through the Corporation for National and Community Service called Opportunity Youth Service Initiative. Under the OYSI grant, LVI will engage over 30 young adults in environmental stewardship projects. These projects are designed to increase access to open spaces and outdoor recreational for the OYSI members and the communities in which they will serve. Students are learning to create and/or improve park trails, improve acres of parks and public land and improve wetlands and coastal restoration. This work directly fits with our designation as a 21CSC.

In 2012, LVI received a \$30,000 grant from NOLA for Life to help deliver high quality programs and services to those individuals most at risk of killing or being killed. The grant was to assist the City of New Orleans in strengthen the social services infrastructure for most vulnerable young people.

In 2010, LVI received a recurring Federal grant for three years for \$125,000 per year from The Corps Network as a sub grantee for the Clean Energy Service Corps and AmeriCorps. This grant focused on training participants between the ages of 18-29. LVI collaborated with various organizations to ensure that participants received the proper training. Also, participants under the program received certifications in Building Performance Analysis. Under this grant, LVI surpassed its goal for pre and post-test energy efficiency audits, weatherizing homes and retrofitting of apartments to become energy efficient.

In 2009, LVI was awarded a \$65,000 grant from the Corps Network's Recovery Corps: Transforming Communities Project as part of the American Reinvestment Recovery Act. This particular grant focused on training participants between the ages of 17-24 in weatherization of sub-standard homes.

In 2008, LVI received a grant (National Emergency Grant-NEG) through The Corps Network (a national non-profit organization). Initially, the grant was for \$970,000 for 18-months. This grant was used to train 175 participants, many of whom were adjudicated youth and high school dropouts. The students were trained in community services focusing primarily on environmental restoration, restoration of historic structures, and energy conservation supporting a green economy. Participants who completed the program received an educational award of \$1250 through AmeriCorps to attend any college or vocational training institution. Students also received Asbestos, Mold and Lead Certifications, OSHA 40 hours HAZWOPER and OSHA 30 hours Safety Construction Training.

4. Community and Employer Partnerships

A. Collaboration with Entities Involved with Local Remediation Activities and Environmental Projects

LVI has had an overwhelming support of Community and Employer Partnerships. To encourage employers to hire participants, LVI has promoted the program on a local and national level.

The Regional Planning Commission- Brownfields Redevelopment Program (RPC), which is an EPA grant recipient for cleanup and assessments for New Orleans and Jefferson Parishes, collaborated with LVI on the following activities:

- In March 2013, the RPC issued a Request for Qualifications (RFQ). The RFQ encouraged respondents to partner with LVI as an EPA Workforce Development and Job-Training Grantee for training and employment needs. One of the contractors selected, Providence Engineering and Environmental, is currently partnering with LVI under RPC's Brownfield Program.
- In March 2013, RPC hosted LVI's graduation ceremony and invited contractors to attend. Contractors reviewed resumes and interviewed the recent graduates.
- With the support and encouragement of RPC, the Louisiana Brownfields Association sponsored one of LVI's students to attend the National Brownfields Conference that was held in Atlanta in 2013.
- LVI and RPC hosted a Brownfields Inventory Training (BIT) workshop presented by Kansas State University as their role as a Targeted Assistance to Brownfields grantee. During this session, real-life examples were used to show the 30 attendees how to use BIT to gather assessment data, prioritize sites for cleanup, and document actions taken at emergency response and cleanup sites.
- In March 2012, RPC hosted a forum to introduce LVI to new contractors encourage contractors to use LVI as a first source of hiring and future project. At this forum, contractors interviewed and hired some of LVI's participants.

The RPC has committed to continue to support LVI in its support of job placement and other collaborations (**see Attachment E9**).

Mr. Charles Allen, the Director for the City of New Orleans Coastal and Environmental Affairs, met with LVI's Director and vowed to ensure that LVI is connected with future major projects slated for New Orleans for the following: Coastal Restoration, BP Oil Spill and Brownfields Projects. Mr. Allen has agreed to connect LVI's graduates with area contractors to assist on Brownfields redevelopment and environmental cleanup projects. He has assisted LVI in identifying pre/post Katrina Brownfields sites and is a strong advocate of LVI's Brownfields training program. Through its exclusive partnership with the City's JOB1 workforce development program, the City Environmental Division and RPC the partnership feels that it has extensive and unfettered access to critical city resources needed to make this program a success. With so many Brownfields sites in the City and so much property redevelopment, contractors seeking access to Brownfields funds will be directed to LVI's job training program for qualified workers skilled in the areas for Brownfields clean-up activities. LVI continues to work closely with the City of New Orleans Coastal and Environmental Affairs to develop additional contractor incentives for using LVI's graduates and to develop additional opportunities for graduates (**see Attachment E10**).

B. Community Partnership Building

LVI recognized early on that community involvement was very important for the success of its operations; and therefore, collaborated with several local and national agencies to enhance its program. The New Orleans Job 1 Workforce Development Center and The Corps Network will assist in providing life skills, child care assistance, and transportation. Additionally, the Corps Network has provided LVI's participants with educational assistance through the Core Skills Mastery System. LVI has a good working relationship with New Orleans Providing Literacy to All Youth (NOPLAY) for GED services, LVI and NOPLAY have established a mutual referral program.

As an incentive, The Corps Network through AmeriCorps provides scholarships to graduates. Additionally, during the program, students receive a living wage allowance from the Corps Network to offset expenses such as transportation and child care. LVI has partnered with Southern University of New Orleans and Southern New Hampshire University for students to advance their education using their AmeriCorps Scholarships earned while in LVI's program.

To involve the targeted community, LVI has had meetings with Neighborhood Associations in District B including Greater King Solomon Baptist Church, Gert Town Development Center to inform them about the Environmental Workforce Development Job Training Program, and NOLA for Life to hear from them how the program could best meet the needs of their community. The Project Manager meets regularly Central City, Gert Town, and other neighborhood associations to promote the program with residents and businesses. Throughout the program cycle, LVI will host and conduct community meetings to discuss the program cycle, recruit participants and to ensure the program continues to meet community needs. To help ensure that students are job ready, students will participate in a two week life skills program and participate in a 4-5 week subsidized internship with a local environmental firm or water and/or wastewater utility company.

Through out our history LVI developed dependable and robust partner networks that resulted in a portfolio of environmental/construction/green project opportunities for LVI's participants.

- *Central City Planters Grove Park* - In collaboration with The Corps Network and Partnership with Kraft/Planters, Inc. LVI built a sustainable park in the Central City neighborhood in New Orleans. The purpose of the Park was to transform underdeveloped and underutilized urban land into vibrant, green space in an effort to advance healthy living and sustainability.
- *National Wildlife Federation* - Participants built song bird habitat in City Park.
- *Clean Energy* - LVI participants also retrofitted 400 apartments with energy saving (green) devices in an effort to reduce utility costs.
- *Federal City Algiers and Leaaf Environmental Consultant* - Participants conducted soil sampling for these two organizations.
- *Wetlands Conservation, LSU AgCenter/America's Wetland Conservation Corps (AWCC), New Orleans, LA* - LVI students and crew supervisor supported AWCC staff in a variety of activities: collected wetlands grasses and replanted them in damaged wetland environments. Also planted vegetables and learned about managing food chain plants.
- *Neighborhood community housing surveying, City of New Orleans, Office of Recovery Development and Administration (ORDA), Phoenix of New Orleans, LA* - LVI partnered with at least seven community organizations to conduct a comprehensive, city-wide re-population assessment. LVI's portion covered about 14,000 properties. Data from these surveys were used by ORDA to assist in its re-population planning.
- *NONDC now Harmony Development - New Orleans, LA*. Over the past 3 years LVI students have participated in the implementation of Phase I assessments of 15 properties in their neighborhood that were ultimately developed for low income housing through NONDC
- *Soil Cleanup and Biofuels Sourcing, Project Sprout in the Central City Triangle area New Orleans, LA*. - The goal of this project is to transform blighted properties into nodes of community redevelopment using phytoremediation techniques using plants like sunflowers. The project will result in effective soil cleanup, but also will yield a crop for bio-fuel production, planting, harvesting and maintaining five demonstration lots.
- *Preservation of natural habitats, Audubon Nature Institute of New Orleans, LA*. - LVI students assisted Audubon staff in their efforts to rehabilitate the Zoo following its extreme degradation by Hurricane Katrina. Program participants receive instruction in ecosystem restoration (with emphasis on several unique habitats), horticulture, tree maintenance, animal husbandry, wildlife preservation, facilities maintenance, and guest services.
- *Property Survey, Central City Renaissance Alliance – CCRA*. - LVI participants assisted CCRA in conducting a housing and property survey in the Central City community to identify and tabulate blighted, rebuilt, occupied and fallow

properties. Data from this survey was used by the CCRA and City of New Orleans planners to help develop a strategic plan to rebuild Central City. The data was also used by New Orleans' Code Enforcement Division as a basis for enforcing code violations.

- *Repair and/or removal of sidewalk in the Gert Town Community with G&C Concrete and Construction, LLC.* - Program participants received training in carpentry skills of framing and forming; operational skills of power tools and heavy machinery; masonry techniques; pouring concrete; mild plumbing; measuring; leveling the ground; and blueprint reading.

From these experiences, students:

- 1) Gained real world work experience through LVI's myriad corporate partnerships. As a result, participants developed job readiness skills, a sense of professionalism, work ethics, community building, and professional certifications.
- 2) Gained a sense of playing a meaningful part in the recovery of their neighborhood and City (many students are from the Central City and Gert Town communities). They were able to see a direct correlation between their work, the information it generated, and the value it brought to recovery planning efforts.
- 3) Acquired a vast array of environmental skills relating to wetlands recovery and natural storm protection systems; soil impacts and remediation techniques as a means to restoring arable land; airborne pollutants like lead and asbestos, and a full range of issues related to recovery of wildlife, ecosystem restoration, and biofuel production.
- 4) Developed entrepreneurial skills through projects related to Project Sprout that produced goods for sale in the marketplace, (i.e., vegetable production).
- 5) Made a significant impression on the neighborhood associations for which they worked. From the Lakefront Area to East New Orleans to Central City, the students' work was not only valued, but was recognized for its quality and for the willingness of LVI students to act cooperatively for the benefit of the City.
- 6) Experienced diversity – cultural, ethnic, and economic – from their efforts in parts of the City, which were very different from their own.

C. Employer Involvement

LVI's advisory committee was formulated in the early part of 2009 and meets quarterly to discuss ways to enhance LVI's environmental, construction, and energy training, water and wastewater programs. The committee consists of community and business leaders, environmental contractors, water operators and educators. Several global and local organizations have agreed to continue to use LVI's students by providing internships and as first source hire.

In 2013, AECOM, a leading global provider of professional technical and management support services in more than 140 countries around the world, formed a partnership to train and employ some of LVI at-risk youth for new jobs in environmental coastal and wetland restoration (**see Attachment E7**).

The New Orleans Regional Planning Commission's Brownfield Redevelopment Program (RPC) and the City of New Orleans Environmental and Coastal Affairs Department has also agreed to continue to support LVI in its endeavor to place graduates with employers (**see Attachment E9**).

New Orleans Sewerage and Water Board and Veolia America (a global wastewater company) have agreed to continue to offer subsidized internships for our students and hire them when feasible (**see Attachments E1, E8**).

LVI has an internship/mentoring and leadership program that pairs participants with construction and environmental companies. During the preparation of this grant, several organizations made commitments to continue mentoring LVI's participants and will use LVI as a first hire: BFA Environmental, AECOM, L. Turner and Associates, Leaf Environmental, and Providence (**see Attachments E6, E7**).

Additionally, LVI has an ongoing relation with the local Carpentry Union and has placed at least 10% of its participants in their Apprenticeship Program. The Carpentry Union met with LVI during the month of October 2013 to discuss ways to improve and continue the relationship. The Carpentry Union meets with LVI's participants quarterly to talk about

opportunities through their apprenticeship program. They have also been guest speakers for LVI's job fairs. LVI has had several discussions and meetings with city officials responsible for Brownfields site management and has received guidance regarding the preparation of this application from those officials.

5. Budget Resources

A. Budget – 5 Points

Ninety-nine of the training will be conducted with LVI's in-house staff; a majority of expenses is for personnel. The proposed budget is built around creating a holistic program that involves the community at crucial levels, provides a public face to the training program, enlists employer support, and supplies students with quality training that will make them competitive in the marketplace.

Project Funding	Instruction	Outreach	Other Task	Total
EPA Funding				
Personnel	\$75,000.00	\$30,000.00	\$20,000.00	\$125,000.00
Fringe Benefits	\$7,500.00	\$3,000.00	\$2,000.00	\$12,500.00
Performance Reporting			\$5,000.00	\$5,000.00
Travel	\$3,500.00	\$5,000.00	\$3,500.00	12,000
Contractual	\$40,000.00			\$40,000.00
Supplies	\$7,500.00	\$2,500.00		\$10,000.00
Other specify				
Total EPA Funds	\$132,500.00	\$38,000.00	\$29,500.00	\$200,000.00
Leveraging - Non EPA Funding				
Cooperative Agreements Cost	\$10,000.00			\$10,000.00
Other specify	\$300,000.00	\$45,000.00	\$45,000.00	390,000.00
Total Non EPA Funding	\$310,000.00	\$45,000.00	\$45,000.00	400,000.00

Budget Justification

Personnel

This category includes Instructors, Program Coordinator, and other support staff. These individuals will work directly with the students and will develop and manage community outreach efforts, serve as a liaison among the partners, develop relationships with employers and professionals who can contribute expertise and resources to training and outreach programs. \$25,000 will be used to cover the expenses for the 3rd year of the grant to cover placement, tracking, and closeout.

Fringe Benefits

Ten percent of personnel's fringe benefits will be charged to the Environmental Workforce Development Job Training Grant.

Performance Reporting

This category includes time to acquire the requisite data to submit required quarterly reports and the closeout report, as well as whatever interim reporting data is required, including keeping records current in the ACRES database.

Travel

The category includes travel and lodging expenses for grantee or grant partner(s) travel to one national Brownfields conference per year and one national job training grantee meeting per year that is related to Brownfields workshops or conferences approved by the assigned Brownfields Project Manager, Region 6. Also included are funds to support the cost of travel required for instruction and outreach activities (Project Coordinator).

Supplies

This category is for instructional materials, books, software, safety, health, and science apparatus that may be beneficial to the training experience, including additional equipment for demonstrations HAZWOPER or in the field based classes, i.e., meters, test kits, expendables, and for the cost of supplies required to carry out outreach efforts, such as printing and copying.

Other

This category will include leasing of classroom space and a portion of communication services.

B. Leveraging

LVI proposes to leverage funds committed as in-kind from our network of partners. The network leverages a total of \$400,000 from the following: BFA -\$45,000 for student incentives and staffing; AECOM \$35,000 on the job coastal restoration training. Corps Network - \$40,000 for technical support and training in capacity building; Excelth, Inc. Primary Health Care \$35,000 for 50 medical and social encounters per month and medication assistance; L. Turner and Associates - \$30,000 in construction, demolition, education and training, also interviewing and hiring; Sewerage and Water Board and Veolia Wastewater for internships \$100,000; The City of New Orleans Workforce Investment Board-JOB-1 and Office of Coastal and Environmental Affairs to host job fairs 35,000. Regional Brownfields Commission \$50,000 for a total of \$365,000.

Instruction

This represents instructional cost other than direct services and leveraging of remaining fringe benefits; as well as its contribution of all books and other similar classroom materials; contributed time and resources from the local environmental community to provide additional classroom and field-based instruction, and LVI's contribution of a training facility (space) in the target community and use of equipment.

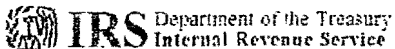
Outreach

This category is for the contributions of community-based organizations to help develop and implement outreach efforts, attend advisory council meetings, provide communication to the community at large, and assist with curriculum review. It also includes the contributed cost of testing (drug, reading, career path) services to help recruit and screen applicants and support them while they are in the training.

Other Tasks

This category includes the contribution of BFA and JOB1 and other stakeholders in providing case management and employment subsidies for graduates through on-the-job-training and work experience contracts. Greater King Solomon Baptist Church located in Gert Town has identified three Brownfield's properties 3305, 3325 and 3327 Audubon Court (**Attachment E2**). These locations were inundated with floodwater residue and washout. LVI has used these properties for field projects for training to conduct Phase I and II assessments. The Church plans to redevelop these lots into a community center.

Patrick A. Barnes, PG, founder of LVI and president of Barnes, Ferland and Associates (BFA) continues to work with national organizations and companies such as Green for All, The Corps Network, where he serves on the Council, Oxfam America, and AECOM to ensure that a strong connection exists between EPA job training programs to identify jobs that will be needed in the environmental arena in New Orleans. He has also worked closely with EPA's Gulf Task Force, and most recently the Gulf Restoration Council, NOAA on developing innovative ways to get youth involved in environmental work and to include contract language to incentivize inclusion (**Attachment E6**). Moreover, AECOM has committed to placing 2 LVI students on their Louisiana Coastal Protection Restoration and Authority (CPRA) Grand Liard marsh creation project beginning April 2014. This type of connection to real and meaningful environmental projects is an LVI differentiator.



Department of the Treasury
Internal Revenue Service
P.O. Box 2508
Cincinnati OH 45201

In reply refer to: 0248164838
Feb. 08, 2012 LTR 4168C E0
75-3213594 000000 00
00019509
BODC: TE

LIMITLESS VISTAS
% MATILDA TENNESSEE
1215 PRYTANIA ST STE 370
NEW ORLEANS LA 70130-6602



037614

Employer Identification Number: 75-3213594
Person to Contact: MR. BROWN
Toll Free Telephone Number: 1-877-829-5500

Dear TAXPAYER:

This is in response to your Jan. 30, 2012, request for information regarding your tax-exempt status.

Our records indicate that you were recognized as exempt under section 501(c)(3) of the Internal Revenue Code in a determination letter issued in MAY 2007.

Our records also indicate that you are not a private foundation within the meaning of section 509(a) of the Code because you are described in section(s) 509(a)(1) and 170(b)(1)(A)(vi).

Donors may deduct contributions to you as provided in section 170 of the Code. Bequests, legacies, devises, transfers, or gifts to you or for your use are deductible for Federal estate and gift tax purposes if they meet the applicable provisions of sections 2055, 2106, and 2522 of the Code.

Please refer to our website www.irs.gov/eo for information regarding filing requirements. Specifically, section 6033(j) of the Code provides that failure to file an annual information return for three consecutive years results in revocation of tax-exempt status as of the filing due date of the third return for organizations required to file. We will publish a list of organizations whose tax-exempt status was revoked under section 6033(j) of the Code on our website beginning in early 2011.

Attachment B

REFERENCES LIST

Employer References

Ms. Madeline Goddard - Deputy General Superintendent
New Orleans Sewerage and Water Board
625 St. Joseph Street, Room 140, New Orleans, LA 70165
504-529-2837

2011 Graduates Employed by 2011
Charles Collins

Ms. Maria Kathy Hunter
Veolia Water North America
6501 Florida Avenue, New Orleans, LA 70117
504-277-5400

2011 Graduates Employed by 2011
Granville Guillory, Ashton Brown

Community Based Organization References

Ms. Felecia Crier - President of Deaconess Board
Greater King Solomon Baptist Church
3305 Audubon Street, New Orleans, LA 70125
504-782-9922

Mr. Charles Allen, M.S.P.H. - Director
The City of New Orleans Office of Coastal and Environmental Affairs
1300 Perdido Street, Suite 8E08, New Orleans, LA 70112
504-658-4070

Cooperative Partner/Employer References

Mr. Steve Mathis, Ph.D. - Vice President of Coastal Protection and Restoration
AECOM
1555 Poydras Street, Suite 1860, New Orleans, LA
504-529-4533

Mr. Patrick A. Barnes, P.G. - President
Barnes, Ferland and Associates, Inc. (BFA)
1230 Hillcrest Street, Orlando, FL 32803
407-353-4200

Ms. Mary Ellen Ardouny - President & CEO
The Corps Network
1100 G Street NW, Suite 1000, Washington D.C., 20005
202-737-6272

Milestones and Time Tables

Program Target	Activities
>5	Conduct community meetings to discuss Program, recruit participants and to ensure program meets community needs.
80-100	Target community residents responding to the multi-activity outreach campaigns by communicating their interest in the program
60-70	Individuals formally applying for accepted into the program and being reviewed by the screening committee
50	Applicants accepted into the program
90%	Completion rate by program trainees and participants in internship
80%	Placement rate of graduates within 90 days of graduation
80%	Retention rate and follow-up at 12 months after graduation
75%	Retention rate and follow-up at 24 months after graduation
25%	Program graduates enrolled in additional environmental training post-Secondary education institution 24 months after graduation assumes that some graduates may be simultaneously employed in environmentally related jobs and enrolled in post-secondary education
100%	Graduates will be tracked for the 3 rd year.

Appendix 3 Other Factors Checklist

Other Factors Checklist

Name of Applicant: Limitless Vistas

Please identify with an **X** any of the items below which may apply to your proposed Environmental Workforce Development and Job Training Grant project area as described in your proposal. EPA may verify these disclosures and supporting information prior to selection and may consider this information during the evaluation process.

- ☐ Applicant's target area contains a recent (2008 or later) manufacturing plant closure, including auto plant closure, or other significant economic disruptions, such as bankruptcy. To be considered, applicant must identify here the timeframe and name of the plant recently closed and jobs lost, or reason for other significant economic disruption within the target area: _____
- ☐ Applicant's target area will serve a "micro" community (a community with a population of 10,000 or less) or rural community (a community with a population of 20,000 or less) and is not located within a Metropolitan Statistical Area. Indicate whether the area served is a micro community or rural community: _____
- ☐ Applicant has never received an EPA Environmental Workforce Development and Job Training Grant or Brownfields Job Training Grant;
- ☐ Applicant is, or applicant will serve, a federally recognized Indian Tribe or United States Territory;
- ☐ Applicant's target area has been affected by recent (2006 or later) natural disaster(s) and has caused significant economic or environmental distress. To be considered, applicant must identify here the timeframe and type of natural disaster(s) that occurred:

- ☐ Applicant is proposing to deliver training beyond Brownfields hazardous waste, including: wastewater/water quality, Superfund, solid waste, emergency response, or enhanced chemical safety related training. Specify the type(s) of training(s) to be delivered: _____
- ☐ Applicant is a recipient of a HUD/DOT/EPA Partnership for Sustainable Communities (PSC) grant and the proposed target area includes the same area served through the PSC funding;
- ☐ Applicant's defines their target area as an environmental justice community – a community that bears a disproportionate impact of environmental contamination or faces adversely high cumulative environmental impacts. Specify the reasoning behind your classification of the community as an environmental justice community, including
quantitative data on the percent of low-income and/or minority individuals and the corresponding cumulative environmental health impacts in the community;
- ☒ Applicant has received 21st Century Conservation Service Corps (CSC) member designation.
- ☐ Applicant is seeking to serve veterans.



"RE-BUILDING THE CITY'S WATER SYSTEMS FOR THE 21ST CENTURY"

Sewerage & Water Board OF NEW ORLEANS

MITCHELL J. LANDRIEU, President
WM. RAYMOND MANNING, President Pro-Tem

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NEW ORLEANS, LA 70165 • 504-529-2837 OR 52W-ATER
www.swbnola.org

January 6, 2014

Matilda A. Tennessee, Director
Limitless Vistas, Inc.
1215 Prytania Street Suite 364
New Orleans, LA 70130

Subject: EPA Environmental Workforce and Training Program 2014

Dear Ms. Tennessee:

This letter is to offer our support to Limitless Vistas, Inc. for the referenced grant application.

In the coming years, due to the aging of our workforce, we like so many other water utilities, will experience the departure of several highly skilled water operations and treatment personnel. This year Sewerage & Water Board of New Orleans (SWBNO) anticipates needing to hire several staff from entry-level senior management. We have a current need to hire 40 personnel to help fulfill the current and projected employment gap.

Over the past three years, we have had the opportunity to meet with you and your staff to discuss in detail the labor market conditions for the water and wastewater industry both locally and nationally. We have advised you on the need to train workers for the water and wastewater industry and we truly appreciate that you have taken on this task.

Last year our employees truly benefitted from training and interacting with our interns. Your internship program is very valuable not just to the students but also to the SWBNO and other utilities of the region. To our knowledge there is no other local environmental training program making an effort to train at-risk youth for careers in the water and wastewater industry.

Last year, your program proved to very valuable to us, you had several students to pass the Louisiana State Water Distribution Exam, and we were able to offer these students fulltime employment.

We support limitless Vistas' application to the Environmental Protection Agency to train workers to help fill the need for skilled labor in the environmental and water and wastewater industry. We will continue to assist your program by providing on the job training (OJT) if necessary and supporting class instruction. Finally, we will give graduates from your program an opportunity to be hired to fill our existing and future entry-level employment needs.

Sincerely,

A handwritten signature in dark ink, appearing to read "Madeline Fong Goddard".

Madeline Fong Goddard, P.E.
Deputy General Superintendent

3305 Audubon Street
New Orleans, LA 70125
(504) 483-3227 Office

Rev. John T. White, Pastor

**GREATER KING SOLOMON
Missionary Baptist Church**



Attachment E-2

January 28, 2014

Matilda A. Tennessee
Executive Director
Limitless Vistas, Inc.
1215 Prytania Street Suite 364
New Orleans, LA 70130

Dear Ms. Tennessee:

Greater King Solomon Baptist Church (GKSBC) has been in existence for over 80 years serving the Gert-Town community in the Greater New Orleans area. We serve a congregation of 600 members and have two facilities totaling over 10,000 square feet.

GKSBC has collaborated with Limitless Vistas, Inc. for over eight years serving young people through several grants awarded by The Corps Network and The Environmental Protection Agency (EPA).

Through this unique collaboration, you have been utilizing our facility to conduct your training and I commend you and your staff for the fine work you have done in respecting the property and helping to maintain the upkeep of the building. As a community representative, we will continue to support your program and will allow you to publicize your program in the community and church.

I understand that Limitless Vistas, Inc. is applying for the EPA Workforce Development and Job Training Grant through the EPA. GKSBC is proud to continue its relationship with Limitless Vistas, Inc. and give you our support for the grant.

Also, GKSBC has properties for redevelopment at 3305, 3325, and 3327 Audubon Court which has been used by your organization for training. These properties were flooded with water from Hurricane Katrina and has years of accumulated washout. Under this grant, you may continue to use this property to train your students for underground water and soil samplings.

GKSBC will commit to allowing your organization to use our 10,000 sq. ft building for training. We will continue to make referral to your program and provide social services.

If you have any questions, please feel free to contact me at 504-782-9822.

Sincerely,

A handwritten signature in cursive script that reads "Felecia R. Crier".

Felecia R. Crier, Administrator
c/o The Greater King Solomon Board of Directors

"The Church That CARES AND SHARES"

CITY OF NEW ORLEANS

MITCHELL J. LANDRIEL
MAYOR

NADIYAH COLEMAN
DIRECTOR

AIMEE M. QUIRK
ADVISOR TO THE MAYOR

JUDY REESE MORSE
DEPUTY MAYOR, CHIEF OF STAFF

January 22, 2014

Matilda A. Tennessee, Director
Limitless Vistas, Inc.
1215 Prytania Street Suite 364
New Orleans, LA 70130

Dear Ms. Tennessee:

The New Orleans Workforce Investment Board (NOWIB) and the Mayor's Office of Workforce Development (JOB1) are pleased to support Limitless Vista, Inc.'s application for the EPA Workforce Development and Job Training Grant.

Through this grant, program participants will receive several certifications in the construction and the environmental industries. These certifications will prepare participants for employment in the growing "green job" industry. JOB1 is pleased to continue to work with Limitless Vistas, Inc. on this EPA initiative.

JOB1 and Limitless Vistas, Inc. have worked together on several initiatives to provide skills training and employment assistance to local residents. JOB1 has provided work experiences, On-the-Job Training, and hosted a Citywide Job Fair. JOB1 will continue to serve as a referral source, and provide eligible participants access to education and employment services provided by the JOB1 Business and Career Solutions Centers.

We look forward to continuing our partnership, and wish your program much success in its future endeavors.

Sincerely,



Nadiyah M. Coleman
WIB Director
New Orleans Workforce Investment Board





www.corpsnetwork.org

January 30, 2014

Mr. Patrick A. Barnes, P.G.
Founder/Chairman
Limitless Vistas, Inc.
1215 Prytania Street, Suite 364
New Orleans, LA 70130

Subject: EPA Environmental Workforce Development Job Training Grant

I am writing to voice our continued support for Limitless Vistas, Inc. (LVI), as your organization pursues the Environmental Protection Agency (EPA), Environmental Workforce Development and Job Training Grant.

Since our creation in 1985, The Corps Network has provided national leadership and promoted the growth and quality of its member Corps as they provide education, workforce development, and an ethic of stewardship to disadvantaged youth as they help to address important community and conservation needs.

LVI and The Corps Network have established a long and successful collaboration, which has resulted in over 300 youth receiving AmeriCorps scholarships, national/state certification and credentials that enhanced their employability.

In 2013, LVI received an Opportunity Youth Service Initiative (OYSI) AmeriCorps grant from The Corps Network. This three-year grant was developed, in part, to promote the 21st Century Conservation and Service Corps Program for low income and disadvantaged young adults in environmental stewardship projects that are designed to increase open spaces and outdoor recreational opportunities. Students who participate under this program will receive a monthly stipend and a \$2,700 education award upon successful completion.

In 2010, The Corps Network awarded LVI another three-year AmeriCorps grant to participate in the Clean Energy Service Corps. The purpose of that grant was to provide green job skills training and certifications to young people focusing on housing rehabilitation, weatherization, and other energy efficient home improvements. Also, in 2010, LVI received a grant from The Corps Network (which was funded by Kraft/Planters Corporation) to build a community park in the Central City area of New Orleans. LVI's EPA Brownfield's students helped to transform that blighted property into a wonderful park that featured many green and sustainable elements such as repurposed concrete window sashes from homes destroyed during Katrina.

In 2009, The Corps Network established a new multi-site youth Corps in New Orleans with support from the Department of Labor; LVI was one of the awarded sub-grantees. With our assistance, LVI engaged over 170 youth, mostly disconnected and previously incarcerated or court involved, in a Corps program providing an opportunity to reconnect with their communities through service while gaining valuable work experience. Graduates also received various environmental job certifications such as OSHA Hazardous Waste Operations, asbestos, mold, and lead awareness and various levels of academic and life skills trainings. On this and our other awards LVI has performed well in areas of recruitment, retention, training, reporting, and job placement.

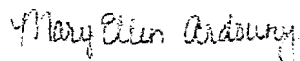
The Corps Network remains committed to promoting national service and expanding educational and green job opportunities for youth. With New Orleans still rebuilding post Katrina, the BP Deep-water Horizon disaster and the work opportunities for coastal restoration, there will be plenty of work opportunities for trained young people. We will continue to work hard at the state, regional, and national level to help bring job skills training and true opportunity to the underrepresented in New Orleans. LVI will continue to be a valuable avenue to reach young people in Brownfield impacted communities.

Additionally, we are committed to considering their young adults for participation in our National Education Award Program (EAP) through the Corporation for National and Community Service (CNCS) should their needs match the available slots.

In summary, we look forward, once again, to working with LVI as they continue to provide youth in the Greater New Orleans area with access to educational opportunities and pathways to promising environmental careers.

We encourage the EPA to support LVI through this Environmental Workforce and Development and Job Training Grant.

Sincerely,

A handwritten signature in cursive script that reads "Mary Ellen Ardouny".

Mary Ellen Ardouny
President & CEO

February 10, 2012

Ms. Matilda Tennessee
Limitless Vistas, Inc.
1215 Prytania Street, Suite 364
New Orleans, LA 70130

SUBJECT: BFA's Support of LVI's EPA FY12 Environmental Workforce Development and Job Training Grant Application

Dear Ms. Tennessee:

Barnes, Ferland and Associates, Inc. (BFA Environmental) supports the Limitless Vistas, Inc. application for the EPA Workforce Development and Job Training Grant. As an African-American owned engineering and construction management firm, we have a strong vested interest in ensuring at-risk designated youth are adequately prepared to help meet the long-term Gulf coastal restoration employment needs. Accordingly, we commit to providing the team with technical support related to training youth on environmental awareness and skills that support the environmental and construction industry. This training will enable them to better function as effective and valuable employees.

BFA is also a very strong advocate of the 21st Century Conservation and Service Corps Programs and will do all we can to facilitate LVI's growth as an urban conservation Corps.

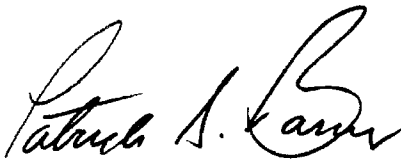
We also commit to hiring or placing between 3 and 5-youth trained under this grant.

It continues to be our strong belief that a keen understanding and awareness of the environment and the issues that affect us as people enables an employee to be more efficient and thus more valuable.

We will commit our staff scientists, geologists, surveyors, engineers, construction inspectors and other professionals to assist for the duration of grant.

Sincerely,

Barnes, Ferland and Associates, Inc.



Patrick A. Barnes, P.G.
President / CEO



AECOM
1555 Poydras Street
Suite 1860
New Orleans, LA 70112
www.aecom.com

504 529 4533 tel
504 522 2085 fax

January 31, 2014

Matilda A. Tennessee, Director
Limitless Vistas, Inc.
1215 Prytania Street, Suite 364
New Orleans, LA 70130

Dear Ms. Tennessee:

AECOM is proud to support Limitless Vistas, Inc. (LVI) in its pursuit of the EPA's Workforce Development and Job Training Grant.

AECOM is a global provider of professional technical and management support services to a broad range of markets, including transportation, facilities, environmental, energy, water and government. With approximately 45,000 employees around the world, AECOM is a leader in all of the key markets that it serves and is the number one design firm in the U.S. with an extensive history of working on ecosystem restoration. AECOM provides a blend of global reach, local knowledge, innovation and technical excellence in delivering solutions that create, enhance and sustain the world's built, natural and social environments. AECOM was ranked the nations #1 design firm by ENR magazine in 2013.

We currently have an agreement with LVI to work together to develop a comprehensive training program that will help prepare these students for jobs in the environmental construction industry. This would include familiarizing their students with on-the-job construction practices and safety standards, informing them about likely projects to be constructed in the near future and introducing them to prospective construction contractors.

We are committed to continuing to find ways to ensure that our projects bring benefits to both the environment and the people of the Gulf Coast, which will help fill new demand for job skills in coastal restoration. We recognize that LVI has paved the road toward training and placing at risk young adults in jobs and on projects that will benefit them and the community as a whole. We support that mission.

Working with our clients, AECOM is, therefore, proud to support LVI by specifically providing the following:

- Access to our coastal restoration project sites in the Gulf Coast and allow students from LVI's training program to shadow our environmental and construction field personnel,



- Assistance with the development of suitable coastal restoration job training curriculum, and
- Working with our clients and construction contractors to provide access to internships and employment opportunities.

We thank you for your commitment and dedication to serving the needs of the community. If we can be of farther assistance to me, please feel free to contact us.

Regards,

A handwritten signature in black ink, appearing to read "Steve Mathies".

Steve Mathies, Ph.D.
Vice President
Coastal Protection and Restoration



December 26, 2013

Matilda A. Tennessee, Director
Limitless Vistas, Inc.
1215 Prytania Street Suite 364
New Orleans, LA 70130

Subject: **EPA-** Environmental Workforce and Training Program

Dear Ms. Tennessee:

Veolia Water North America is proud to offer our support to Limitless Vistas, Inc. (LVI) and its application to the Environmental Protection Agency.

Veolia Water NA is a worldwide private water utility contractor. We have over 4,500 employees and a strong need for skilled workforce in the Gulf Coast and across the country. For the past three summers, we have provided subsidized internships for over 30 at-risk young people under LVI's training. We strongly believe in the merits of the program and will support the above reference grant.

There is a huge demand for high skill technical individuals in the water and wastewater industry. Over the past 10 to 15 years, there has been a steady decline in the number of professional and entry level skill workers entering the water and wastewater utility industry, which has lead to a void in the industry.

I know we have had discussions regarding the labor market as it relates to the need to have more trained staff for water and wastewater operators. Training more young people to help fulfill the industry gap is a step in the right direction.

We welcome the training that LVI plans to implement under this grant. This can be a major boost in the overall water industry.

In the past we have hired several of your graduates, and will considering hiring more qualified individuals once they complete your program. If you should have any questions, please feel free to contract me at 504-277-5400

Sincerely,

A handwritten signature in black ink that reads "Maria Hunter". The signature is fluid and cursive, with the first name "Maria" being more prominent than the last name "Hunter".

Maria Hunter
Office Manager

10 VETERANS BOULEVARD
NEW ORLEANS, LA 70124
BROWNFIELDS@NORPC.ORG



WWW.RPCBROWNFIELDS.ORG
PHONE: 504-483-8500
FAX: 504-483-8526

January 7, 2014

Matilda A. Tennessee, Director
Limitless Vistas, Inc.
1215 Prytania Street Suite 364
New Orleans, Louisiana 70130

Dear Ms. Tennessee:

I am pleased to offer the support of the Regional Planning Commission's (RPC's) Brownfield Redevelopment Program for Limitless Vistas, Inc. (LVI) 2014 Workforce Development and Job-Training Grant proposal to the Environmental Protection Agency (EPA). As you are aware, the Regional Planning Commission is the council of governments and metropolitan planning organization for the New Orleans metropolitan area.

In an effort to ensure that local residents and at-risk youth participate in the environmental cleanup and assessments in their communities, LVI and RPC collaborated on several projects to enhance LVI's job-training program and assessment and cleanup programs, including:

- In March 2013, the RPC issued a Request for Qualifications (RFQ) for Brownfield Environmental Services under our two new Brownfield grants for sites located within RPC's member parishes (Jefferson, Orleans, Plaquemines, St. Bernard, St. Tammany and Tangipahoa). The RFQ encouraged respondents to partner with LVI as an EPA Workforce Development and Job-Training Grantee for training and employment needs. One of the contractors selected, Providence Engineering and Environmental, is currently partnering with LVI under RPC's Brownfield Program.
- Also in March 2013, RPC hosted LVI's graduation ceremony and invited contractors to attend. Some contractors reviewed resumes and interviewed the recent graduates.
- With the support and encouragement of RPC, the Louisiana Brownfields Association sponsored one of LVI's students to attend the National Brownfields Conference that was held in Atlanta in 2013.
- LVI and RPC hosted a Brownfields Inventory Training (BIT) workshop presented by Kansas State University as their role as a Targeted Assistance to Brownfields grantee. During this session, real-life examples were used to show the 30 attendees how to use BIT to gather assessment data, prioritize sites for cleanup, and document actions taken at emergency response and cleanup sites.
- In March 2012, RPC hosted a forum to introduce LVI to contractors. At this forum, contractors interviewed and hired some of LVI's participants.

RPC will continue to support LVI's Environmental Job Training Program by assisting with opportunities for you to connect with contractors both for training opportunities and for the placement of program graduates. These recent activities were great successes in making contractors aware of your program as a resource for both their current projects and for future employees. In addition, we will refer contractors interested in the program to Leaaf Environmental who recently employed your students on an RPC Brownfield project and had a very positive experience. RPC appreciates that you provide technical skills training as well as the business skill development students need to be successful in the growing green economy in the New Orleans metropolitan region. If you have any questions or need additional information, please feel free to contact me at: (504) 483-8513.

Sincerely,

Rebecca Otte
Brownfield Redevelopment Program Coordinator
Regional Planning Commission

OFFICE OF COASTAL AND ENVIRONMENTAL AFFAIRS

CITY OF NEW ORLEANS

January 6, 2014

Matilda A. Tennessee
Director
Limitless Vistas, Inc.
1215 Prytania Street, Suite 364
New Orleans, LA 70130

Dear Ms. Tennessee:

The City of New Orleans Office Coastal and Environmental Affairs proudly supports Limitless Vistas (LVI), Inc. application for the EPA- Environmental Workforce Development and Training Grant.

We fully recognize that there will be a growing demand for properly trained workers to meet the workforce environmental needs of the above mentioned projects. Certainly, we would like to have the citizens of New Orleans fulfill the job demand. We are very much aware of Limitless Vistas training program and we share their desire to provide environmental training to disadvantaged young people. Therefore, we support your efforts to obtain the *EPA-Workforce Development and Job Training Grant*. Therefore, this office will commit to sharing with as many local contractors as possible about Limitless Vistas' program. We also commit to have staff from our office give guest lectures to LVI students.

Again, this office wholeheartedly recognizes that value that LVI brings to our community. And therefore, we enthusiastically support your EPA grant application. We also greatly look forward to working with you deliver on your very successful and necessary training program.

Sincerely,



Charles E. Allen, III
Director



Appendix F - Curriculum

Course	Awareness or Advanced Level Training	State or Federally Recognized Certification(s)	Hours	Start Date/ Completion Date	# of Times Course will be Offered	Training Provider
Site Assessments - All Appropriate Inquiries, Phase I & II Environmental Site Assessments, basics of chemistry, toxicology and geology, basics of contamination fate and transport.	Advanced		40	06/02/14-09/12/14, 10/6/14-01/16/15, 03/02/15-06/12/15	3	LVI - S. Callaway, P.G.
Lead Paint Awareness - Awareness level training regarding Lead based paint.	Awareness		4	06/02/14-09/12/14, 10/6/14-01/16/15, 03/02/15-06/12/15	3	LVI - S. Callaway, P.G.
Asbestos Contractor Supervisor - Preparation to obtain an LDEQ Asbestos Contractor Supervisor Licence	Advanced	State Certification	40	06/02/14-09/12/14, 10/6/14-01/16/15, 03/02/15-06/12/15	3	LVI - S. Callaway - LDEQ Approved Asbestos Trainer
Underground Storage Tanks - Includes basic understanding of a UST system through online training, and LUST awareness training from Geologist	Awareness	Federally Recognized Class III UST Operator Certification	8	06/02/14-09/12/14, 10/6/14-01/16/15, 03/02/15-06/12/15	3	Petroclassroom.com / S. Callaway
First-Aid/CPR - Basic Adult First Aid and CPR	Advanced	National Certification	8	06/02/14-09/12/14, 10/6/14-01/16/15, 03/02/15-06/12/15	3	Online
Alternative Energy Sources - Introduction to mainstream sources of energy and the impact they have on the environment, the need for alternative energy sources, identification of alternative energy sources.	Awareness		8	06/02/14-09/12/14, 10/6/14-01/16/15, 03/02/15-06/12/15	3	LVI - C. Quijano
HAZMAT (DOT) - The Hazardous Materials Shipping Table, Shipping Papers, Marking and Labeling, Placarding, Packaging, Carrier Requirements - Highway, Air, Rail, Water.	Advanced	Federally Recognized Certification	16	06/02/14-09/12/14, 10/6/14-01/16/15, 03/02/15-06/12/15	3	LVI - C. Quijano
Wetlands - Includes basics of wetland ecologies, how important wetlands are to the environment, how wetlands can be used as an alternate remediation technology	Awareness		40	06/02/14-09/12/14, 10/6/14-01/16/15, 03/02/15-06/12/15	3	LVI - Callaway & Quijano
40-Hour HAZWOPER (Enhanced Environmental Health and Safety Training) - Includes the following topics: Regulations Overview, Site Characterization, Health and Physical Hazards, Confined Space Awareness, Bloodborne Pathogens, Radiological Hazards, Respiratory Protection, PPE, Site Control, Decontamination, Medical Surveillance, Air Monitoring, Personal Sampling, Material Sampling, Health and Safety Procedures, Emergency Procedures, Chemical Awareness, MSDS, GHS	Advanced	Federally Recognized Certification	40	06/02/14-09/12/14, 10/6/14-01/16/15, 03/02/15-06/12/15	3	LVI - Callaway & Quijano
Solid Waste Management and Cleanup - RCRA awareness, types of waste, Reduce, Reuse and Recycle principle, philosophies of waste management, landfill basics, other methods of waste disposal	Awareness		24	06/02/14-09/12/14, 10/6/14-01/16/15, 03/02/15-06/12/15	3	LVI - Callaway & Quijano
Superfund Site Cleanup and Innovative/Alternative Technologies - CERCLA Awareness, research project of Superfund sites - type of contamination, methods of remediation and etc., phytoremediation, in-situ remediation, vapor barriers, wetlands as filters, etc.	Advanced		36	06/02/14-09/12/14, 10/6/14-01/16/15, 03/02/15-06/12/15	3	LVI - S. Callaway, P.G.
Wastewater Treatment - Wastewater treatment awareness, in-depth studies for wastewater operator licensing exam, internship with New Orleans Sewerage and Water Board and/or Veolia Water North America	Advanced	Federally Recognized Certification through the State	40	06/02/14-09/12/14, 10/6/14-01/16/15, 03/02/15-06/12/15	3	LVI - S. Callaway, P.G.
Emergency Response - FEMA Incident Command System Training, Disaster Worker Training	Advanced	Federally Recognized Certifications	40	06/02/14-09/12/14, 10/6/14-01/16/15, 03/02/15-06/12/15	3	LVI - S. Callaway, P.G.
OSHA 10 Hour Construction Safety - Includes the following: Fall Protection, Electrical Safety, Struck By Hazards, Caught In/Between Hazards, PPE and Lifesaving Equipment, Health Hazards in Construction, Materials Handling, Storage, Use and Disposal, Hand and Power Tools, Excavations	Advanced	Federally Recognized Certification	10	06/02/14-09/12/14, 10/6/14-01/16/15, 03/02/15-06/12/15	3	LVI - S. Callaway, P.G.
Field Technician Basics - Preparing for field work, reading a scope of work, soil sampling, water sampling and testing, completing a chain of custody, conducting a tailgate meeting, field notes and documentation, and mapping	Advanced		16	06/02/14-09/12/14, 10/6/14-01/16/15, 03/02/15-06/12/15	3	LVI - S. Callaway, P.G.